

## APPENDIX H. 1<sup>st</sup> and 2<sup>nd</sup> LEVEL THREATS

Residential & commercial development
Housing & urban areas
Commercial & industrial areas
Tourism & recreation areas
Agriculture & aquaculture
Annual & perennial non-timber crops
Conversion/modification of habitat for crop production
Routine agricultural operations
Crop protection (against pests, pathogens)
Other
Wood & pulp plantations
Conversion/modification of habitat for plantations
Routine plantation operations
Crop protection (against pests, pathogens)
Other
Livestock farming & ranching
Animal feed lots
Livestock ranching
Dairy farming
Poultry farming
Other livestock farming
Other
Marine & freshwater aquaculture
Energy production & mining
Oil & gas drilling
Mining & quarrying
Renewable energy
Transportation & service corridors
Roads & railroads
Utility & service lines
Shipping lanes
Flight paths
Biological resource use
Hunting & collecting terrestrial animals
Gathering terrestrial plants
Logging & wood harvesting
Fishing & harvesting aquatic resources
Human intrusions & disturbance
Recreational activities
War, civil unrest & military exercises
Work & other activities
Natural system modifications
Fire & fire suppression
Dams & water management/use

---

Agriculture
Dam/levee/dike construction
Dam/levee/dike operations
Irrigation
Wetland drainage
Groundwater modification
Stream channelization
Other
Hydropower
Flood control
Drinking water
Recreation
Other
Other ecosystem modifications
Invasive & other problematic species & genes
Invasive non-native/alien species
Problematic native species
Introduced genetic material
Pollution
Household sewage & urban waste water
Industrial & military effluents
Agricultural & forestry effluents
Fertilizers, herbicides, or other agrochemicals
Sediments
Salts, metals, and other inorganic substances
Nutrients from animal concentration areas
Other
Garbage & solid waste
Air-borne pollutants
Industrial/urban sources
Agricultural sources
Other human-related sources
Excess energy
Geological events
Volcanoes
Earthquakes/tsunamis
Avalanches/landslides
Climate change & severe weather
Habitat shifting & alteration
Droughts
Temperature extremes
Storms & flooding